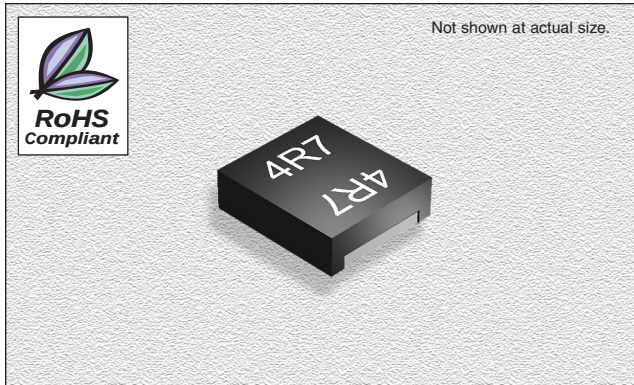


CTPS1210F Series

From 1.0 μH to 22 μH



SPECIFICATIONS

Parts are available in $\pm 20\%$ inductance tolerance only.

Part Number	Inductance ($\mu\text{H} \pm 20\%$)	L Test Freq. (KHz)	DCR $\pm 30\%$ (Ω)	Isat Max. (A)	Irms Max. (A)
CTPS1210F-1R0M	1.0	100	0.050	1.30	1.90
CTPS1210F-1R2M	1.2	100	0.055	1.20	1.70
CTPS1210F-1R5M	1.5	100	0.070	1.00	1.40
CTPS1210F-2R2M	2.2	100	0.090	0.80	1.35
CTPS1210F-3R3M	3.3	100	0.160	0.70	1.00
CTPS1210F-4R7M	4.7	100	0.200	0.58	0.90
CTPS1210F-5R6M	5.6	100	0.210	0.55	0.85
CTPS1210F-6R8M	6.8	100	0.250	0.50	0.80
CTPS1210F-8R2M	8.2	100	0.330	0.43	0.70
CTPS1210F-100M	10	100	0.350	0.40	0.65
CTPS1210F-150M	15	100	0.600	0.30	0.55
CTPS1210F-220M	22	100	0.890	0.25	0.40

PHYSICAL DIMENSIONS

Size	A	B	C Max.	D	E
mm	3.2 $\pm$ 0.2	3.0 $\pm$ 0.2	1.2	0.45 $\pm$ 0.1	2.15 $\pm$ 0.1
inches	0.126 $\pm$ 0.008	0.118 $\pm$ 0.008	0.047	0.018 $\pm$ 0.004	0.085 $\pm$ 0.004

CHARACTERISTICS

Description: SMD (shielded) power inductor

Applications: Digital cameras, CD players, cellular phones, PDAs, PCMCIA cards, GPS systems, etc.

Operating Temperature: -40°C to $+105^{\circ}\text{C}$

Inductance Tolerance: $\pm 20\%$

Temp. Rise: 40°C Max.

Testing: Tested on a HP4285A at 100 KHz, 1V

Packaging: Tape & Reel

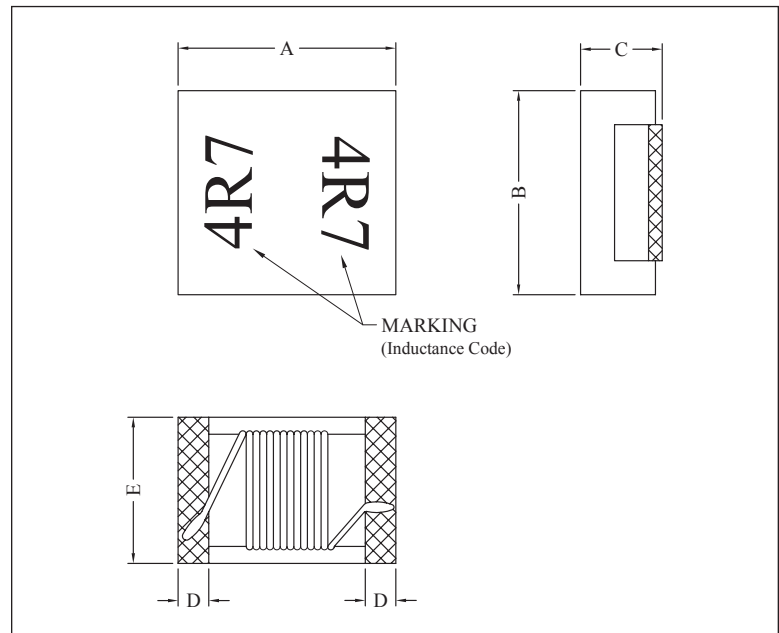
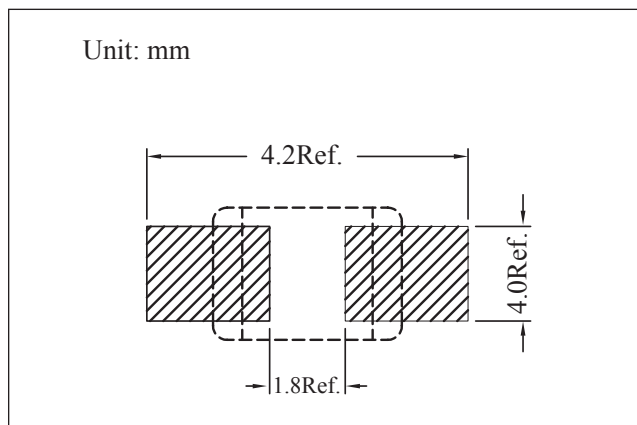
Marking: Parts are marked with inductance code

Miscellaneous: RoHS Compliant.

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

PAD LAYOUT



11.06.07